



FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET NO.

APPLICATION NO.

12480-000108/US

10/527,712

APPLICANT

Kuniko KIMURA et al.

FILING DATE

GROUP

August 17, 2005

2892

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.						

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.							

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
1.		Hirofumi Kishioka, Hiroyuki Okada, Hiroyoshi Onnagawa, "Orientation of Liquid Crystal on Polyimide Films rubbed with Atomic Force Microscope", Bulletin of Toyama University, Japan, 1995, Vol. 46, pp. 75-79
2.		LEUNG O M, GOH M C, "Orientation Ordering of Polymers by Atomic Force Microscope Tip-Surface Interaction", Science, US., January 3, 1992, Vol. 255, No. 5040, pp. 64-66
3.		Japanese Office Action dated October 27, 2009 with English translation corresponding to Japanese Application No. 2004-537554 which is the National Phase in Japan of the PCT International Patent Application No. PCT/JP03/11670

Examiner:

Date Considered:

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.